

TEST REPORT

MATERIAL : FKM 60 BLUE

COMPOUND NO. V6001U

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A 硬度

TENSILE STRENGTH, Mpa,min 拉力强度

ELONGATION, % ,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENTS

TEST RESULT

60+/-5

56

7.0

8.1

200

427

1.818

B)HEAT AGING @250 DEGREE C X 70 HRS.老化试验

HARDNESS CHANGE, POINTS 硬度变化

+10

+0

TENSILE STRENGTH CHANGE, %拉力强度变化率

-25

+11

ELONGATION CHANGE, %延伸率变化率

-25

-5

C)COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING@ 175 DEGREE C X 22 HRS, %,max

50

9

D)FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 试验

HARDNESS CHANGE, POINTS 硬度变化

+/-5

-3

TENSILE STRENGTH CHANGE, %拉力强度变化率

-25

-23

ELONGATION CHANGE, %延伸率变化率

-20

-20

VOLUME CHANGE, %体积变化率

0~+10

+3

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.
THIS COMPOUND V6001U CAN MEET ASTM D2000 M2HK607 A1-10 B37 EF31

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Test by:QC08